

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Alex Nugent **EXAMINER:** Joseph P. Hirl
SERIAL NO.: 10/748,546 **GROUP:** 2129
FILED: 12/30/2003 **ATTY DKT NO.:** 1000-1215
TITLE: **PHYSICAL NEURAL NETWORK LIQUID STATE MACHINE
UTILIZING NANOTECHNOLOGY**

Please forward all correspondence to:

ORTIZ & LOPEZ, PLLC
Patent Attorneys
P.O. Box 4484
Albuquerque, NM 87196 -4484

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENTS AND REPLY TO OFFICE ACTION

Dear Sir:

In response to the Office Action dated May 22, 2007 in the above captioned matter, please enter the following amendments and remarks:

The claim listing begin on Page 2 of this Paper.

Remarks begin on Page 10 of this Paper.